

US EPA ARCHIVE DOCUMENT

SOLID WASTE ISSUES RELATED TO THE ALABAMA DEPARTMENT OF CORRECTIONS

Alabama Corrections
Environmental Workshop
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Solid Waste Branch

- Program Description

- Includes the permitting, compliance, and enforcement determinations related to initial issuances, re-issuances, and modifications of “public and private solid waste disposal facilities” and unauthorized dumps within the State.



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Regulatory Responsibility

Alabama Dept. of Public Health

- Collection of solid waste.
- Transportation of solid waste.

Alabama Dept. of Environmental Management

- Treatment, processing, and disposal of solid waste.



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Solid Wastes & Recyclable Materials Management Act

- Compilation of previous legislative efforts and recommendations of 1991 State Solid Waste Management Plan
- Introduced in 2008 Legislative Session and signed into law by Gov. Riley April 2008
- Provide stable funding for ADEM Solid Waste program
- Establish a grants program to encourage local recycling efforts
- Provide fiscal resources to clean-up unauthorized dumps
- Establish a statewide waste reduction and recycling goal



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SWRMMA Disposal Fees

- \$1.00/ton fee on MSW disposed in Alabama
- \$1.00/ton or \$0.25/cy on C/D, industrial wastes
- This is a *DISPOSAL* fee -- it does not apply to recycled, reused or recovered materials
- It DOES apply to all wastes disposed of in permitted Alabama landfills (including wastes approved as ADC)



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Pre-SWRMMA Solid Waste Staffing

- Technical Staffing
 - 2 Environmental Scientists
 - 2 Permitting Engineers
 - 0.4 Geologist
- Administrative Staffing
 - 0.5 Branch Chief
 - 2 Attorneys
- FY08 Budget of ~\$729,000



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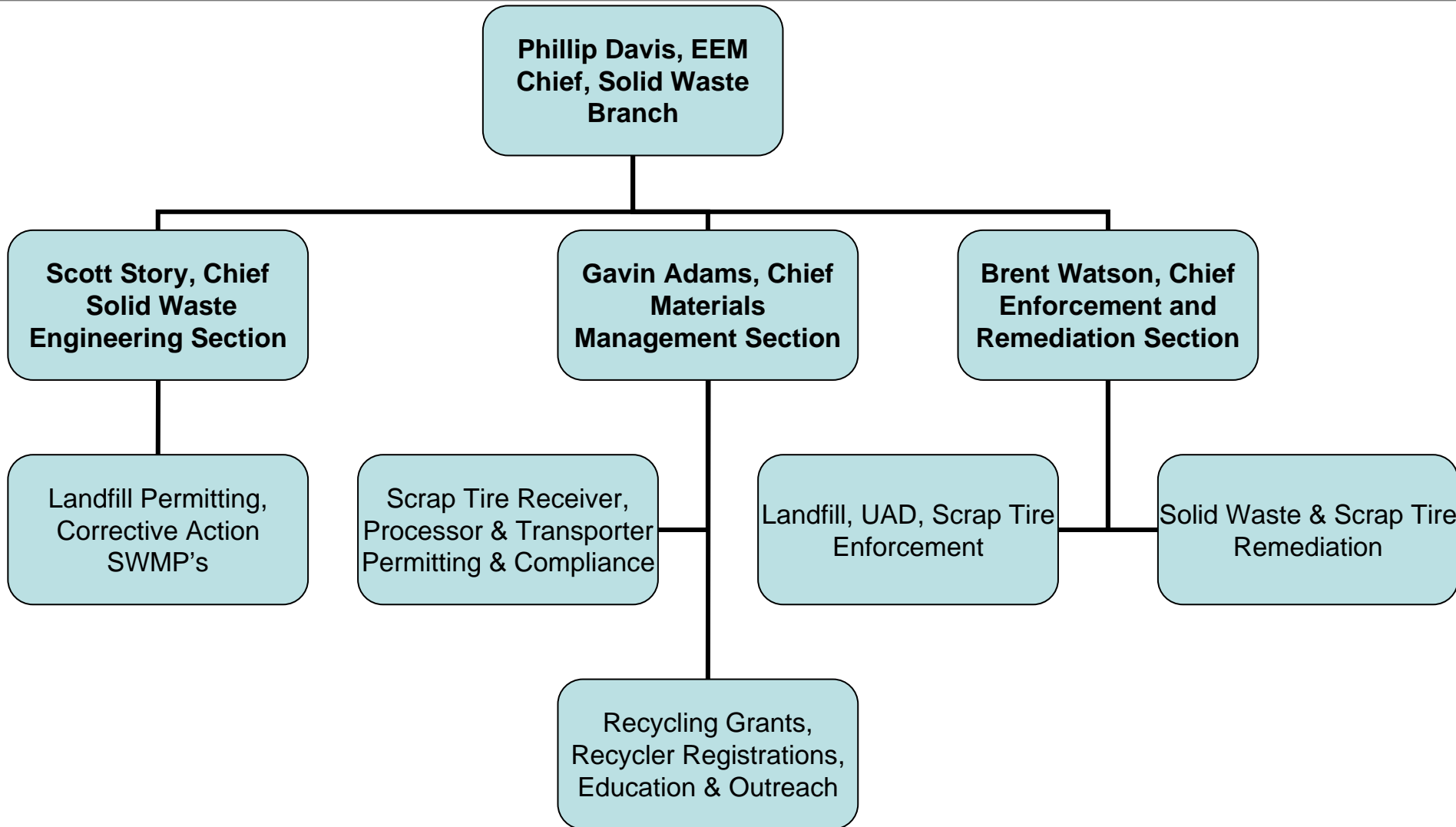
Current Solid Waste Staffing

- Technical Staffing
 - ❑ 7 Environmental Scientists (+4 Vacancies)
 - ❑ 4 Environmental Engineers (+1 Vacancy)
 - ❑ 2 Geologists
 - ❑ 4 Field office landfill “inspectors-in-training” (as of March 1)
- Administrative Staffing
 - ❑ 1 Branch Chief
 - ❑ 1 Engineering Section Chief
 - ❑ 1 Materials Management Section Chief
 - ❑ 1 Enforcement/Remediation Section Chief
 - ❑ 2 Attorneys
- FY09 Budget of ~\$2,460,000



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Solid Waste Branch





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What is a Solid Waste?

Per 335-13-1-.03 Definition:

- any garbage, or rubbish, construction/demolition debris, ash, wastewater treatment/water supply sludge, and other discarded material, including solid, liquid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations.

What is a Solid Waste?

Exempt Waste Streams:

- Includes vegetative debris such as trees, stumps, limbs, and leaves, uncontaminated concrete, soil, brick, waste asphalt paving, ash resulting from the combustion of untreated wood, rock, and similar materials.
- Recyclable materials (once out of solid waste stream)



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What is a Solid Waste?

Prohibited Waste Streams:

- Includes free liquids, regulated hazardous wastes, PCBs, and untreated medical wastes.



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Types of Permitted Landfills

Construction / Demolition

- Includes non-putrescible and non-hazardous solid waste specifically waste building materials, packaging, and rubble resulting from construction, remodeling, repair, or demolition operations on houses, commercial buildings, and other structures. Also includes masonry materials, sheet rock, roofing waste, insulation (not asbestos), scrap metal, and wood products.



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Types of Permitted Landfills

Industrial

- Includes non-putrescible and non-hazardous solid waste generated by manufacturing or industrial processes and construction/demolition wastes.



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Types of Permitted Landfills

Municipal Solid Waste

- Includes household waste, commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, industrial solid waste, construction/demolition waste and/or rubbish.

Solid Waste Universe

- 178 Permitted Landfills
 - 31 Municipal Solid Waste
 - 53 Industrial Waste
 - 94 C/D Waste
- ~ 300 Closed Landfills
- ? Recycling facilities





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Compliance & Enforcement

- FY 2008 Compliance Activities
 - ❑ 195 landfill inspections
 - ❑ 67 landfill permits issued or modified
 - ❑ 51 unauthorized dump complaints investigated
 - ❑ 677 volume reports reviewed
 - ❑ 220 gas monitoring reports reviewed
 - ❑ 188 groundwater monitoring reports reviewed
- FY 2008 Enforcement Actions
 - ❑ 5 Warning Letters
 - ❑ 63 Notices of Violation
 - ❑ 1 Administrative Order



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Compliance & Enforcement

- FY09 Compliance Activities (10/01/08 thru 3/15/09)
 - ❑ 85 landfill inspections
 - ❑ 36 landfill permits issued or modified
 - ❑ 141 complaint investigations
 - ❑ 177 volume reports reviewed
 - ❑ 125 gas monitoring reports reviewed
 - ❑ 107 groundwater monitoring reports reviewed
- FY 2009 Enforcement Actions
 - ❑ 5 Warning Letters
 - ❑ 95 Notices of Violation
 - ❑ 7 Administrative Orders



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Solid Waste Fund

Unauthorized Dumps

- ❑ Provides resources for remediation of UAD's on "innocent landowner" properties
- ❑ May also be used with cost recovery when responsible party refuses to remediate UAD
- ❑ Site ranking and contracting procedures similar to successful scrap tire site cleanup program

Other Requirements of SWRMMA

Post-closure permitting for closed landfills

- ❑ Groundwater and gas monitoring
- ❑ Cap maintenance
- ❑ Deed notations/institutional controls

- Regulation of composting and recycling facilities

- ❑ Permitting for composting facilities
- ❑ Registration & reporting for recycling facilities



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QUESTIONS??